

Ceiling Cutout: 9 1/4" (235 mm) Dia.

Reflector Trim	Frame-In Kit
<b>8038 TBW</b> Clear Iridescence Free, White Flange <b>8038 TBP</b> Clear Iridescence Free, Polished Flange <b>8038 CTBW</b> Comfort Clear, White Flange <b>8038 CTBP</b> Comfort Clear, Polished Flange	<b>S8242HU</b> 8" aperture, 2 lamp 26/32/42W Triple Tube CFL (120/277V) 4-Pin (Amalgam) <b>Dimming Options:</b> <b>S8242H</b> <input type="checkbox"/> <b>DU3</b> Lightolier PowerSpec 3% Dimming (120/277V) <b>J1LD3</b> Lutron 3% Dimming (120V) <b>J2LD3</b> Lutron 3% Dimming (277V) <b>JUM7</b> Mark 7 Dimming (120/277V) <b>J1MX</b> Mark 10 Dimming (120V) <b>J2MX</b> Mark 10 Dimming (277V) Other dimming product available, please consult factory
<b>Remodeler Frame-In Kits</b> <b>8242HURM</b> 8" aperture, 2 lamp 26/32/42W Triple Tube CFL (120/277V) 4-Pin (Amalgam)	

## Features

- Reflector:** 16 ga. Specular Alzak® aluminum. Iridescence Free finish. Self-flanged trim.
- Socket Bracket:** Die-formed steel, vented. Attaches to reflector for correct optical alignment.
- Mounting Frame:** Die-cast aluminum for dry or plaster ceilings.
- Retaining Springs:** Precision-tooled steel friction springs secure reflector to mounting frame for quick, tool-less installation.
- Mounting Brackets:** 16 ga. steel. Adjust from inside of fixture. Use 3/4" or 1 1/2" lathing channel, 1/2" EMT, or optional mounting bars.
- Ballast/J-Box:** Outboard mounted to reduce heat transfer and maintain lamp efficacy and life. Service from below without tools.
- Turbo Louver:** Radial assembly; Specular Alzak® aluminum, removable and keyed for orientation. 50° visual cutoff, medium beam.

## Electrical

**Note:** For ballast electrical data and latest lamp/ballast compatibility refer to "Ballast" specification sheet for complete electrical data.

UL listed for through branch circuit wiring with max of (8) No. 12 AWG, 90° C supply conductors.

## Options and Accessories

Emergency Add suffix **EM\***  
 Chicago Plenum Add suffix **LC**  
 Emergency Ltg. Kit **FA EM3E\***  
**FA EM4E\***  
 Fuse (Slow Blow) Add Suffix **F**

\* See Specification Sheet, **FA EM**

Mounting Bars & Accessories; see Specification Sheet MBA.  
 Sloped Ceiling Adapters; see Specification Sheet SCA.

## Labels

UL Listed suitable (for damp locations), I.B.E.W.

Alzak® is a registered trademark of ALCOA.

US Patent Pending.

Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

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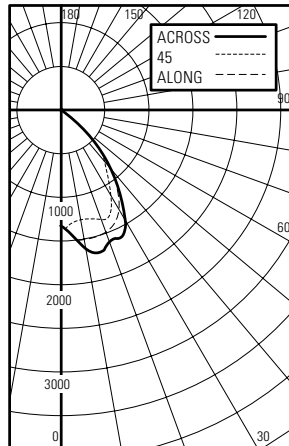
## 32W

Spacing Ratio: Along = 1.4 Across = 1.6

CERTIFIED TEST REPORT NO. LSC6639

COMPUTED BY LSC PROGRAM \*\*TEST-LITE\*\*

RECESSED 8-3/4" DIA. OPEN SPECULAR REFLECTOR AND THREE BLADE TURBO LOUVER WITH SPECULAR REFLECTOR AND SPECULAR TURBO BAFFLE  
TWO 32-WATT PL-T COMPACT FLUOR. LAMPS. LUMEN RATING =2400 LMS



CANDLE POWER SUMMARY						
ANGLE	ALONG	22.5	45	67.5	ACROSS	LUMENS
0	1337	1337	1337	1337		
5	1306	1328	1367	1401	1429	134
10	1272	1284	1424	1537	1595	
15	1293	1314	1500	1622	1691	410
20	1330	1376	1513	1625	1631	
25	1323	1359	1470	1610	1608	608
30	1176	1231	1336	1423	1478	
35	972	1007	1167	1106	1188	682
40	772	799	835	880	894	
45	510	491	511	544	522	393
50	210	190	186	219	217	
55	28	19	20	20	23	47
60	3	0	0	4	1	
65	0	0	0	0	0	1
70	0	0	0	0	0	
75	0	0	0	0	0	0
80	0	0	0	0	0	
85	0	0	0	0	0	0
90	0	0	0	0	0	

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1220	25.42	52.06
0-40	1902	39.63	81.17
0-60	2342	48.81	99.96
0-90	2341	48.88	100.00
40-90	441	9.20	18.83
60-90	0	.02	.84
90-180	0	0.00	0.00
0-180	2343	48.83	100.00

\*\* EFFICIENCY = 48.8% \*\*  
DATE: JUL 26 1996

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

## Coefficients Of Utilization

		% EFFECTIVE CEILING CAVITY REFLECTANCE																				
		80				70				50				30				10				0
		% WALL REFLECTANCE																0				
		50 30 10				50 30 10				50 30 10				50 30 10				50 30 10				0
ROOM CAVITY RATIO	1	.54	.53	.52	.53	.52	.51	.50	.49	.49	.49	.48	.47	.46	.46	.46	.45	.44	.43	.43		
	2	.51	.49	.47	.50	.48	.46	.48	.47	.45	.47	.45	.44	.45	.44	.43	.44	.44	.43	.43		
	3	.47	.45	.43	.36	.44	.42	.45	.43	.42	.44	.42	.41	.43	.42	.40	.43	.42	.40	.40		
	4	.44	.41	.39	.43	.41	.39	.42	.40	.3	.41	.39	.38	.40	.39	.38	.37	.37	.36	.36		
	5	.41	.38	.36	.40	.38	.36	.39	.37	.35	.39	.37	.35	.38	.36	.35	.34	.34	.33	.33		
	6	.38	.35	.33	.38	.35	.33	.37	.34	.33	.36	.34	.32	.36	.34	.32	.31	.31	.30	.30		
	7	.35	.32	.30	.35	.32	.30	.34	.32	.30	.34	.31	.30	.33	.31	.29	.29	.28	.27	.27		
	8	.33	.30	.27	.32	.29	.27	.33	.29	.27	.31	.29	.27	.31	.29	.27	.26	.26	.25	.25		
	9	.30	.27	.25	.30	.27	.25	.29	.27	.25	.29	.26	.25	.28	.26	.24	.24	.24	.23	.23		
	10	.28	.25	.23	.27	.25	.23	.27	.24	.22	.27	.24	.22	.26	.24	.22	.22	.22	.21	.21		

20% FLOOR CAVITY REFLECTANCE

For 26W lamps, multiply C.U.'s by 0.95

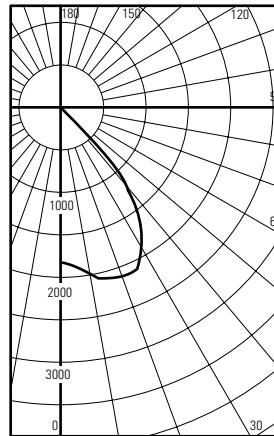
## 42W

Spacing Ratio: 1.4

CERTIFIED TEST REPORT NO. LSC6698

COMPUTED BY LSC PROGRAM \*TEST-LITE\*

LIGHTOLIER RECESSED COMPACT FLOUR. DOWNLIGHT WITH SPECULAR REFLECTOR AND SPECULAR TURBO BAFFLE  
TWO 42W PL-T COMPACT FLUORESCENTS. LUMEN RATING =3200 LMS



CANDLE POWER SUMMARY			
ANGLE	MEAN CP	LUMENS	
0	1833		
5	1880	186	
10	1999		
15	2104	592	
20	2121		
25	2104	951	
30	1892		
35	1585	968	
40	1159		
45	687	528	
50	254		
55	42	67	
60	10		
65	0	2	
70	0		
75	0	0	
80	0		
85	0	0	
90	0		

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1729	27.02	52.49
0-40	2697	42.15	81.86
0-60	3292	51.45	99.93
0-90	3294	51.48	100.00
40-90	597	9.34	18.14
60-90	2	.03	.07
90-180	0	0.0	0.0
0-180	3294	51.48	100.0

\*\* EFFICIENCY =51.5% \*\*  
DATE: SEPT 4, 1996  
PREPARED FOR:  
LIGHTOLIER

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

## Coefficients Of Utilization

		% EFFECTIVE CEILING CAVITY REFLECTANCE															
		80			70			50			30			10			0
		% WALL REFLECTANCE															
		50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
ROOM CAVITY RATIO	1	.57	.56	.55	.56	.55	.54	.54	.53	.52	.52	.51	.51	.50	.50	.49	.48
	2	.53	.51	.39	.52	.50	.49	.51	.49	.48	.49	.48	.47	.48	.47	.46	.45
	3	.50	.47	.45	.49	.47	.45	.48	.46	.44	.46	.45	.43	.45	.44	.43	.42
	4	.46	.44	.41	.46	.43	.41	.45	.42	.41	.44	.42	.40	.43	.42	.40	.39
	5	.43	.40	.38	.43	.40	.38	.42	.39	.37	.42	.39	.37	.40	.38	.37	.36
	6	.40	.37	.35	.40	.37	.35	.39	.36	.34	.38	.36	.34	.38	.36	.34	.33
	7	.37	.34	.32	.37	.34	.32	.36	.33	.32	.35	.33	.32	.35	.33	.31	.30
	8	.34	.31	.29	.34	.31	.29	.34	.31	.29	.33	.30	.29	.32	.30	.28	.28
	9	.32	.29	.26	.31	.28	.26	.31	.28	.26	.31	.28	.26	.30	.28	.26	.25
	10	.29	.26	.24	.29	.26	.24	.29	.26	.24	.28	.26	.24	.28	.25	.24	.23

20% FLOOR CAVITY REFLECTANCE

## Job Information

## Type:

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